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(54) Title: SYSTEM AND METHOD FOR IN VIVO DETECTION OF H. PYLORI 210 INGESTING UREA INSERTING AN AUTONOMOUS IN VIVO SENSING DEVICE 220 INTO THE UPPER GI TRACT 240 CAUSING IN VIVO SENSING DEVICE TO CONTACT STOMACH WALL TRANSMITTING DATA FROM IN 230 VIVO SENSING DEVICE

(57) Abstract: A method and system for in vivo detection of H. pylori. The method according to one embodiment includes sensing pH in at least one location proximate to a patient's stomach mucus and transmitting by radio frequency pH data to an external receiving unit. The pH data may be part of an in vivo image.